

Rabbit TFF3 Polyclonal Antibody | anti-TFF3 antibody

TFF3 Antibody

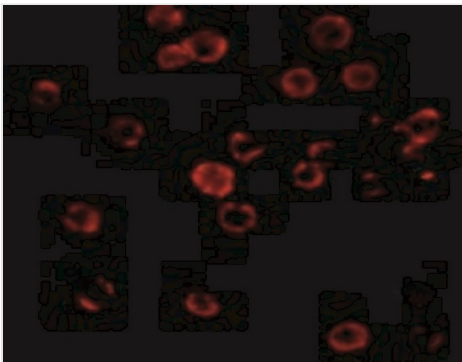
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10911	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

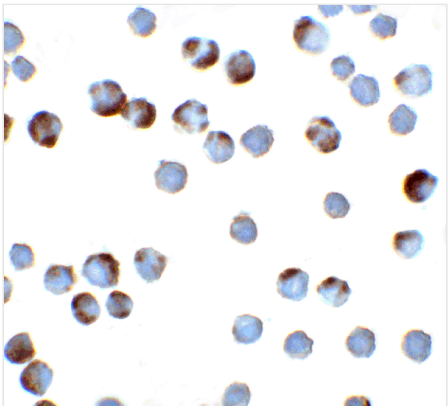
TFF3; Polyclonal Antibody; TFF3 Antibody; ITF; P1B; TFI; Trefoil factor 3; Intestinal trefoil factor; hITF; trefoil factor 3 (intestinal); anti-TFF3 antibody

PRODUCT SPECIFICATIONS

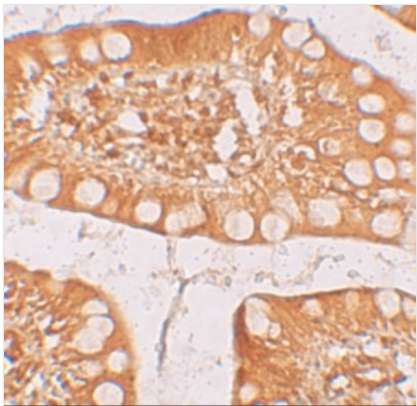
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TFF3 antibody is predicted to not cross-react with other TFF family members.
Purity/Purification	TFF3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	137
Applicable Applications for anti-TFF3 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	TFF3 antibody can be used for detection of TFF3 by Western blot at 2 mug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 mug/mL. For immunofluorescence start at 20 mug/mL.
Conjugate	Unconjugated
Immunogen	TFF3 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human TFF3.
Buffer	TFF3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TFF3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



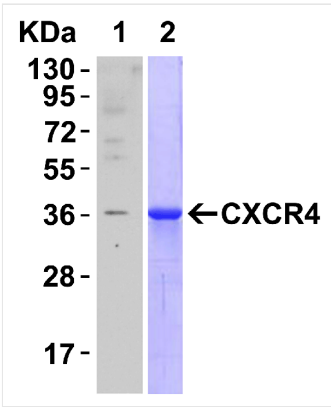
IHC (Immunohistochemistry)
Immunohistochemistry of TFF3 in human small intestine tissue with TFF3 antibody at 20 µg/ml.



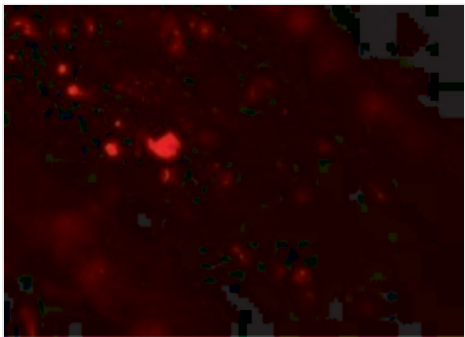
ICC (Immunocytochemistry)
Immunocytochemistry of TFF3 in HeLa cells with TFF3 antibody at 20 µg/ml.



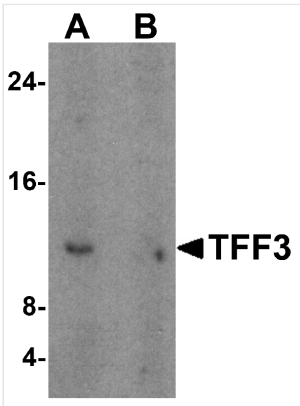
IHC (Immunohistochemistry)
Immunohistochemistry of TFF3 in human small intestine tissue with TFF3 antibody at 2.5 µg/mL.



IF (Immunofluorescence)
Immunofluorescence of TFF3 in human small intestine tissue with TFF3 antibody at 20 µg/ml. Red: TFF3 Antibody (6113) Blue: DAPI staining



IF (Immunofluorescence)
Immunofluorescence of TFF3 in Human Small Intestine tissue with TFF3 antibody at 20 µg/mL.



WB (Western Blot)
Western blot analysis of TFF3 in human colon tissue lysate with TFF3 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TFF3 antibody

TFF3 Antibody: Trefoil peptides are protease resistant molecules secreted throughout the gut that play a role in mucosal healing. Trefoil peptides contain three intrachain disulfide bonds, forming the trefoil motif, or P-domain and clustered in human chromosome 21q22.3. Trefoil Factor 3 (TFF3) is one of three trefoil peptides secreted by epithelial cells that line mucus membranes in the large and small intestines and lower respiratory tract. TFF3 is mainly active as a disulfide-linked homodimer and may have a role in promoting cell migration in healing processes. It is involved in the maintenance and repair of the intestinal mucosa.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119629977
NCBI GeneID	7033
UniProt Accession #	Q07654; Q96NX0; Q9UDA5; E9PBB5
Molecular Weight	Predicted: 10 kDa Observed: 11 kDa
NCBI Official Full Name	trefoil factor 3 (intestinal), isoform CRA_b
NCBI Official Synonym Full Names	trefoil factor 3 (intestinal)
NCBI Official Symbol	TFF3
NCBI Official Synonym Symbols	ITF; P1B; TFI
NCBI Protein Information	trefoil factor 3; polypeptide P1.B
UniProt Protein Name	Trefoil factor 3
UniProt Gene Name	TFF3
UniProt Synonym Gene Names	ITF; TFI; hITF; hP1.B
UniProt Entry Name	TFF3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tff3-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10911>